S&ME, INC.
SITE/SOIL EVALUATION

Project No. Ga. Mills Lot 38 Phone No. _____ Date: 7-8-11
Location _____ Pin _____ County: Iowa() Property Size _____

Proposed Facility: House Water Supply: On-Site Well ☒ Evaluation: Auger Boring ☐
Community ☐ Pit ☒
Described By: PGP - Rev. mb - 10PP Public ☐ Cut ☐
Weather: Wet Antecedent Moisture moist Surface Water: —

FACTORS	PROFILE 6	PROFILE 7	PROFILE 8	PROFILE 9 → Head concave
Landscape Position %	C	C	O-4	O-30
Horizon Depth I	0-6	0-6		
Color Munsell	br	mbr	f:lc	mtx sd
Texture	scl	c		c
Structure	wsblc	mfSBK		agr/lm
Consistence	fr ss/sc	f: s/p		ABlc/pl/hy
Boundary				
Horizon Depth II	6-30	6-51	4-32	30-49
Color – Munsell	rd	rd	rd br	rd
Texture	c	cl-scl	scl/cl	sc-scl
Mottles	Cy-lt bn 2.5Y6/4	C SAP		C 2.5Y 6/8
Structure	pl/m lk-Blk	wSBK	wSBK	wSBK
Consistence	f: s/p	fr ss/sp	fr ss/sp	f: ss/sp
Boundary				
Horizon Depth III	30-52	51-62	32-52	49-62
Color – Munsell	rd		rd	yell rd
Texture	c/cl	l-scl/sapl	c-cl	l
Mottles	f-c SAP	mass -	f-c SAP	
Structure	wSBK	vwSBK	wSBK	s-sl/SAP
Consistence	fr ss/sp	fr ss/sp	fi-fr ss/p	
Boundary				
Horizon Depth IV	52-62		52-58	
Color – Munsell	rd yel/br		yel/brn	
Texture	l scl/sapl		l SAP	
Mottles	many - wSBK		MANY	
Structure	fr ss/sp		fr ss/sp	
Consistence				
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite	52"	51"	52"	
LTAR	.3	.3	.25-.3	
Classification	SCT	Ps	Ps	

Zone clay in stump w/ 2.5Y 6/3 mottles to 55

OK MD 11/21/11

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
FS	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Concave Slope
Cv	Convex Slope
T	Terrace
P	Flood Plain

TEXTURE

s	sand
ls	loamy sand
sl	sandy loam
l	loam
si	silt
sil	silt loam
sicl	silty clay loam
cl	clay loam
scl	sandy clay loam
sc	sandy clay
sic	silty clay
c	clay

CONSISTENCE WET

Ns	non-sticky
Ss	slightly sticky
S	sticky
Vs	very sticky
Np	non-plastic
Sp	slightly plastic
P	plastic
Vp	very plastic

MOIST

vfr	Very friable
fr	friable
fi	firm
vfi	Very firm

STRUCTURE

sg	single grain
m	massive
cr	crumb
gr	granular
sbk	subangular blocky
abk	angular blocky
pl	platy
pr	prismatic

S&ME, INC.
SITE/SOIL EVALUATION

Ga. Mills

Project No. Lot 38 Phone No. Lot 61 Date:

Location Pin County: Property Size

Proposed Facility: Water Supply: On-Site Well ☐ Evaluation: Auger Boring ☐
Community ☐ Pit ☐
Described By: Public ☐ Cut ☐
Weather: Antecedent Moisture Surface Water:

HAB on 4

FACTORS	PROFILE 10	PROFILE HAB 1	PROFILE HAB 2	PROFILE HAB 3
Landscape Position %	S	L		
Horizon Depth I	0-3	0-19	0-7	0-20
Color Munsell	br	rd	br	rd yell
Texture	scl	c/cl	scl	l
Structure			wsblc	c sbk
Consistence		comp. dur.		wsblc
		Bam Con ↗		
Boundary				
Horizon Depth II	5-33	19-36	7-46	20-46
Color – Munsell	rd	rd	rd yell	rd yell
Texture	c	cl	cl-c	l
Mottles	brd s yell bn	f sac	c sac	l-sl sas
Structure	absk	wf sblc	wsblc	
Consistence	fi sl/p	fn ss/sp	fn sc/sp	mass
				fn ss/sp
Boundary				
Horizon Depth III	33-48	36-46		
Color – Munsell	yell rd	yell rd		
Texture	sl c	scl		
Mottles	f yell bn	in roots		
Structure	wsbk			
Consistence	fn ss/sp	c sac		
		wsblc		
Boundary		fn ss/sp		
Horizon Depth IV	48-60			
Color – Munsell	rd brn/			
Texture	l scl/sas			
Mottles				
Structure	wsbk/mass			
Consistence	f yell bn			
	in roots			
Boundary				
Soil Wetness				
Restrictive Horizon				
Saprolite	48"			20"
LTAR	.3	.32 19"	.32	.4
Classification	SLT	PS	PS	PS

OK
MD
11/21/11

LEGEND

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